

OPTICAL WAVELENGTH DIVISION MULTIPLEXED SIGNAL
(bit RATE: f_0 (bits/s) \times N WAVELENGTHS)

OPTICAL WAVELENGTH DIVISION DEMULTIPLEX SIGNAL
(bit RATE: f_0 (bits/s) \times ONE WAVELENGTH)

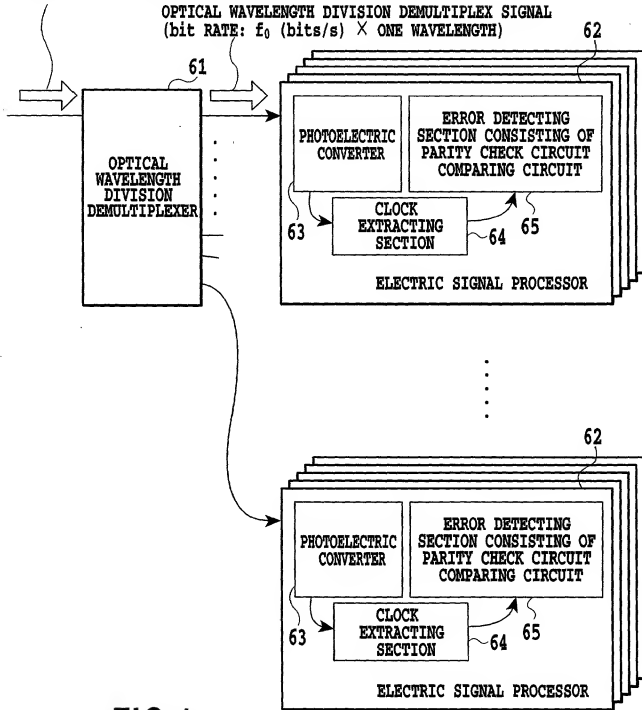


FIG.1
PRIOR ART

OPTICAL WAVELENGTH DIVISION MULTIPLEXED SIGNAL
(bit RATE: f_0 (bits/s) \times N WAVELENGTHS)

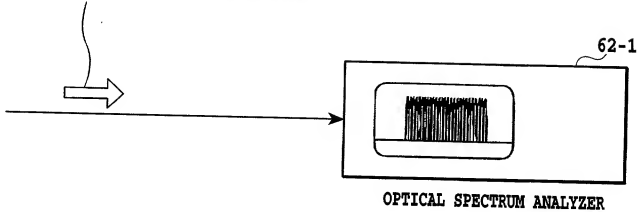


FIG.2
PRIOR ART

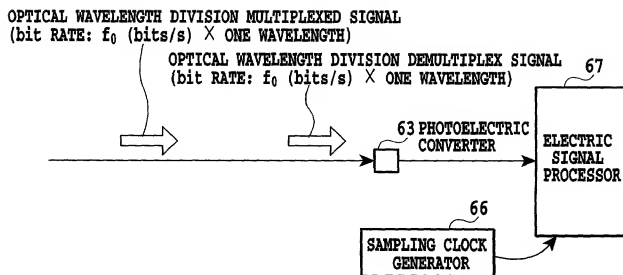


FIG.3
PRIOR ART

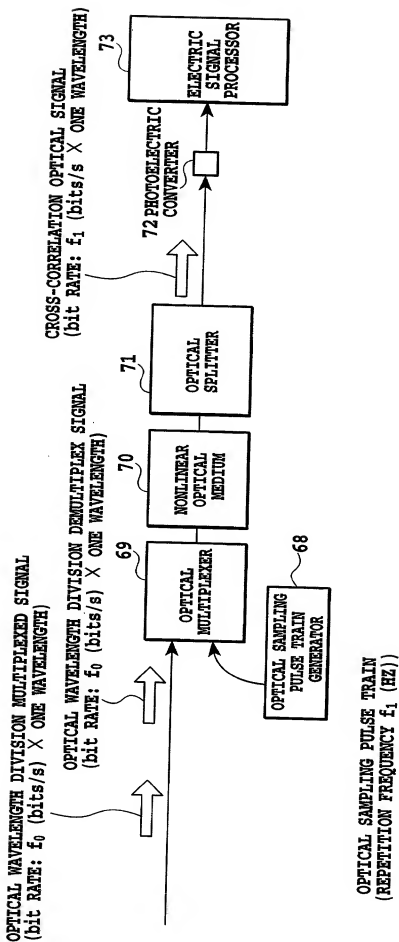


FIG. 4
PRIOR ART

OPTICAL SAMPLING PULSE TRAIN
(REPETITION FREQUENCY f_1 (HZ))

OPTICAL WAVELENGTH DIVISION MULTIPLEXED SIGNAL
(bit RATE: f_0 (bits/s) \times N WAVELENGTHS)

OPTICAL WAVELENGTH DIVISION DEMULTIPLEX SIGNAL
(bit RATE: f_1 (bits/s) \times ONE WAVELENGTH)

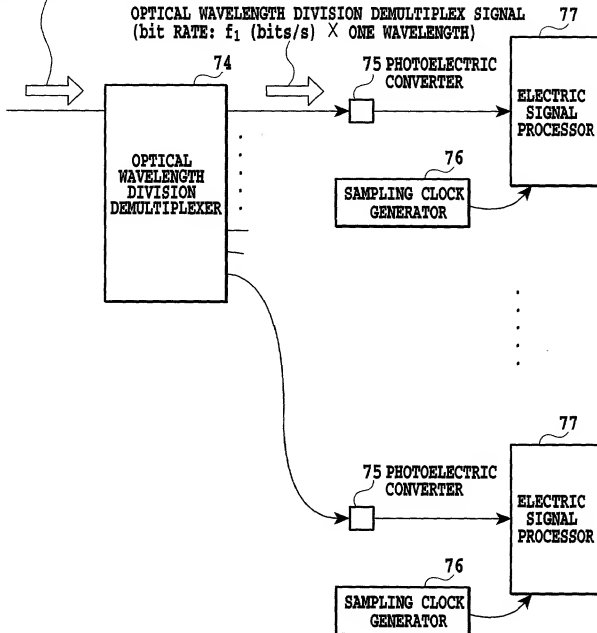


FIG. 5
PRIOR ART

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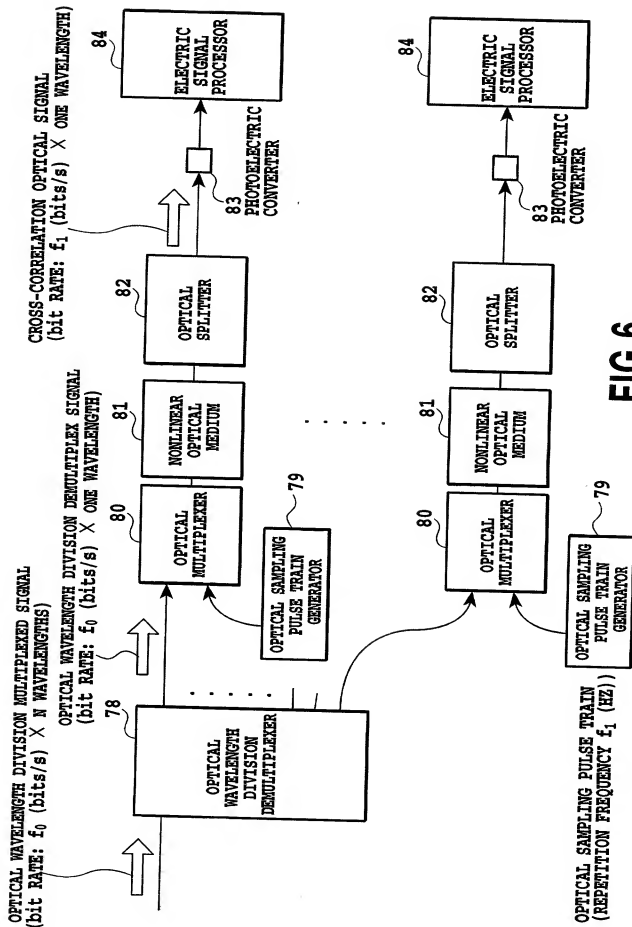


FIG. 6
PRIOR ART

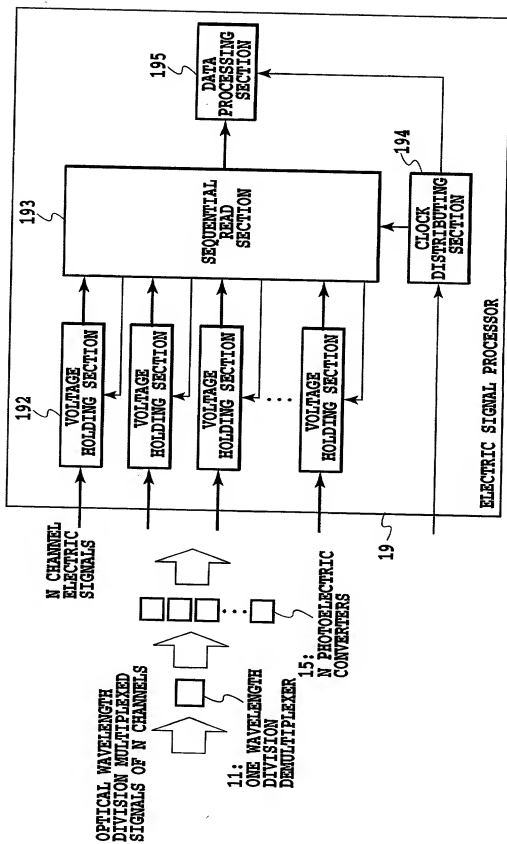


FIG.7

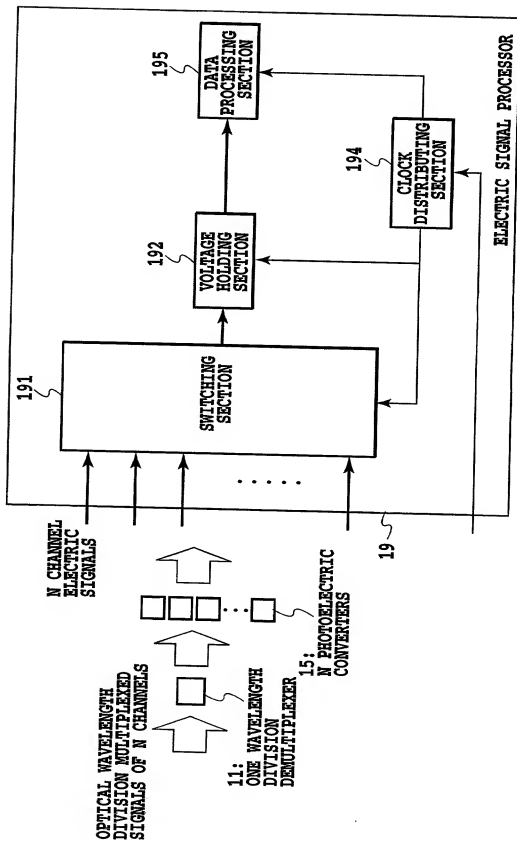


FIG.8

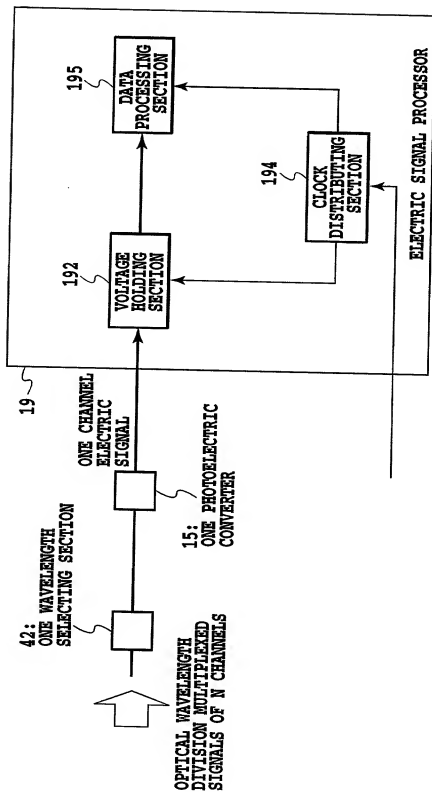


FIG.9

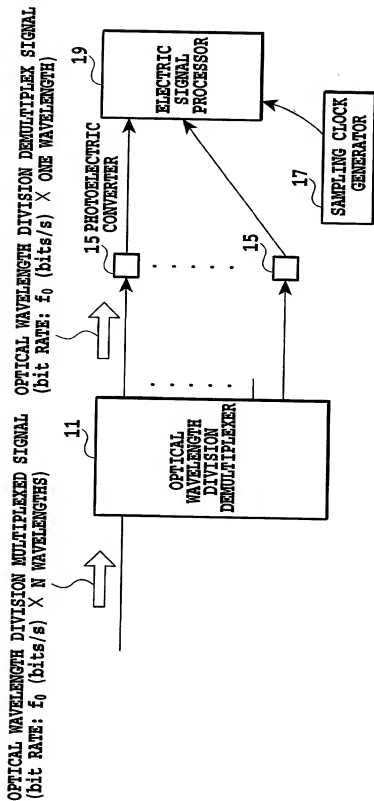


FIG.10

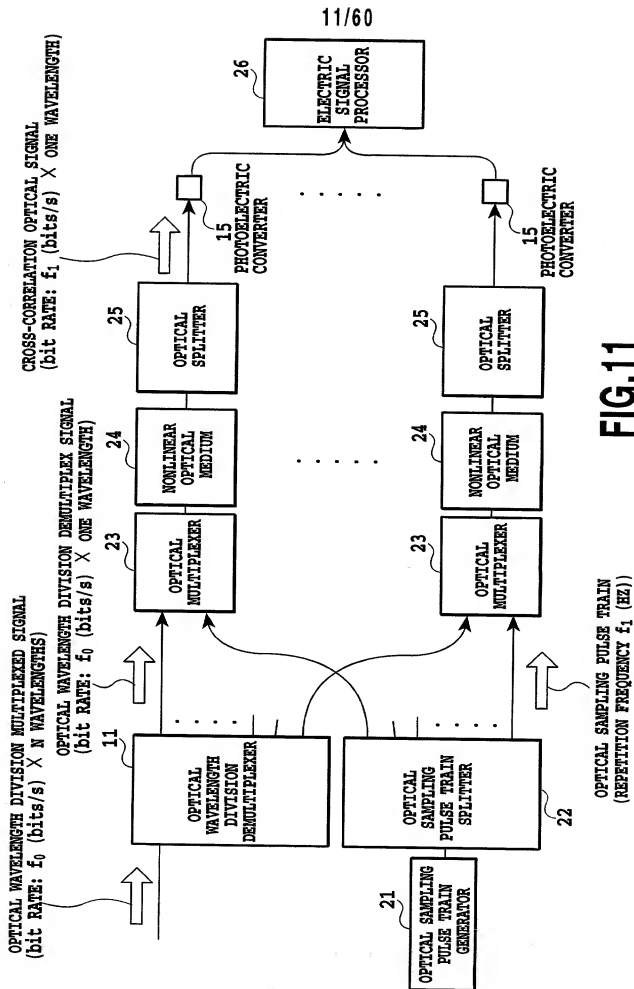


FIG. 11

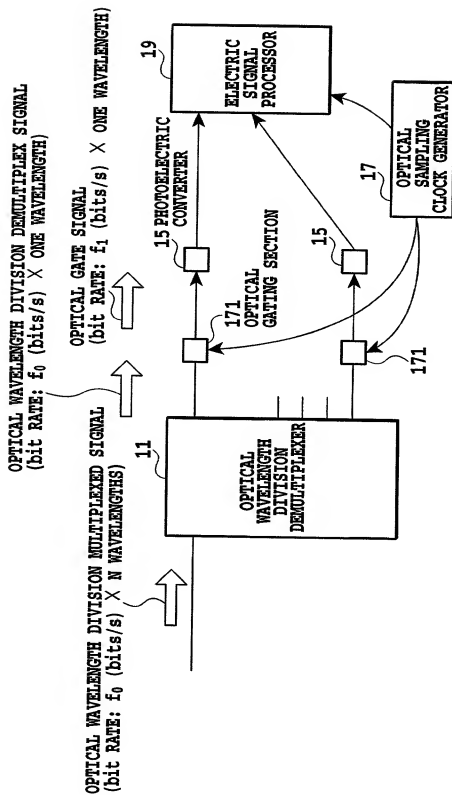


FIG.12

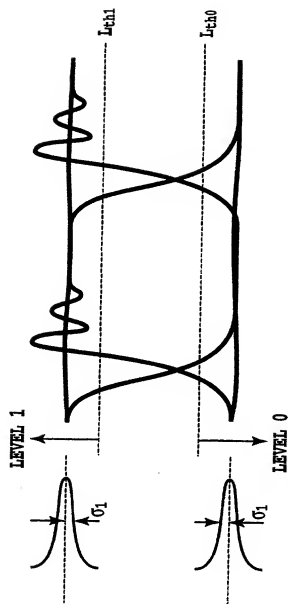


FIG.13

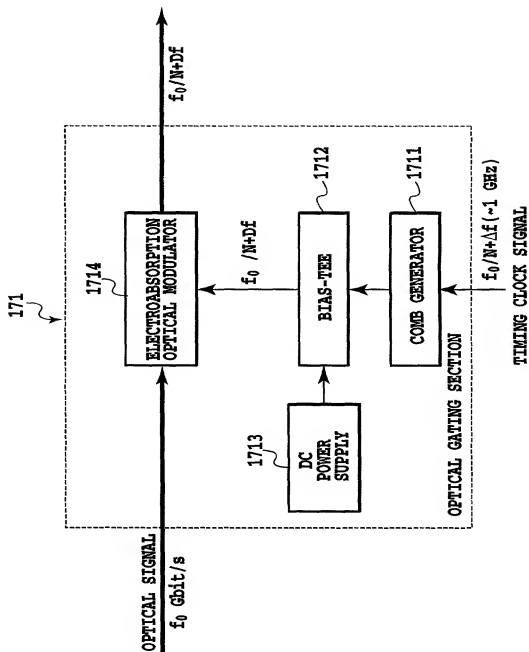


FIG.14

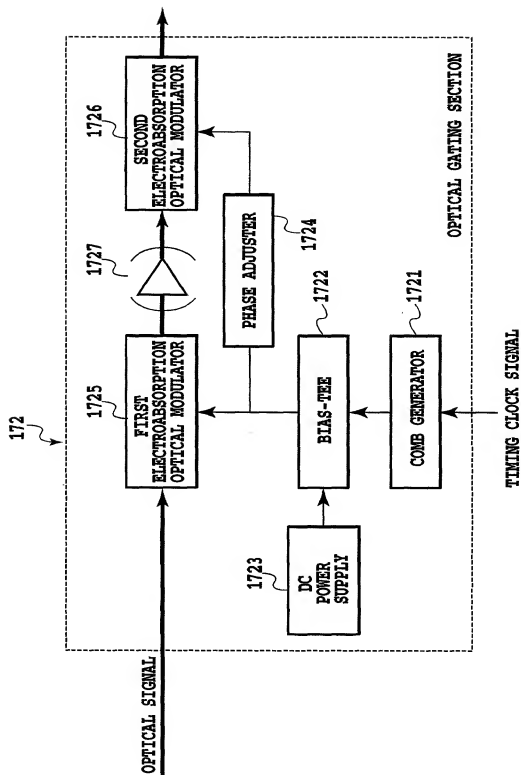


FIG.15

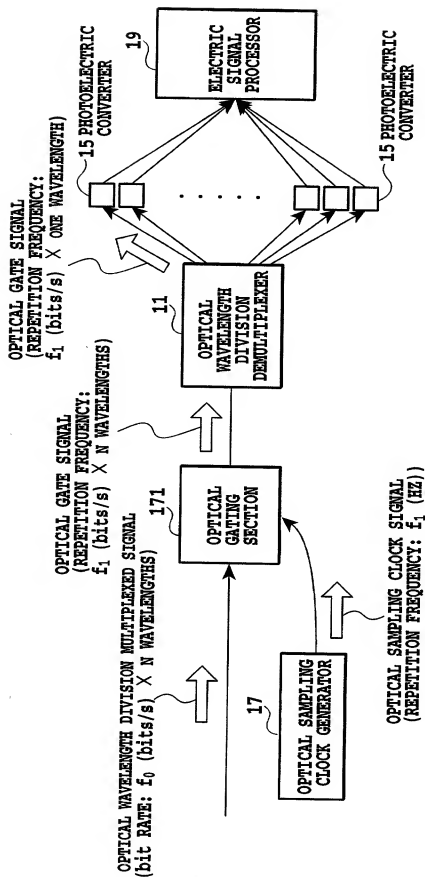


FIG.16

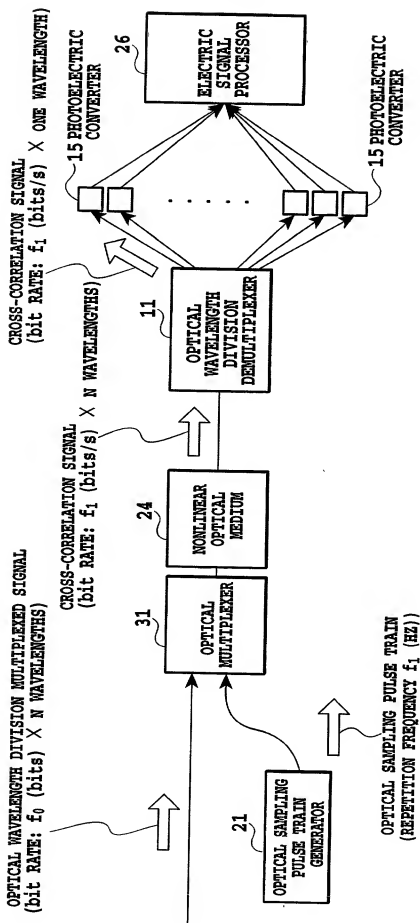


FIG.17

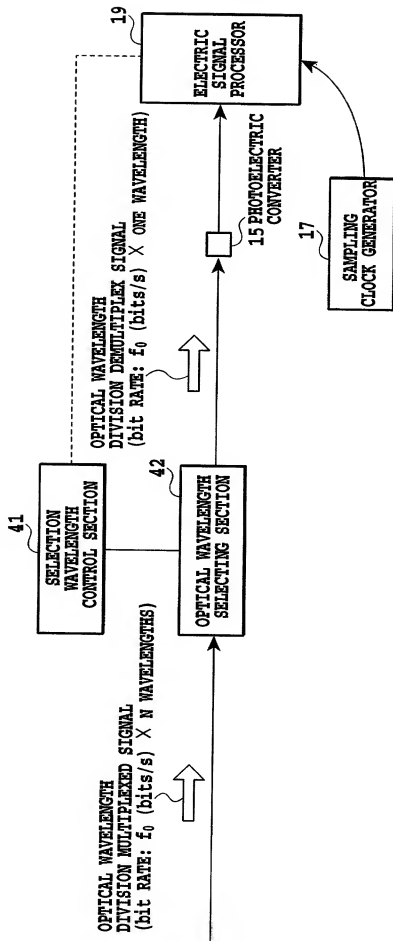


FIG.18

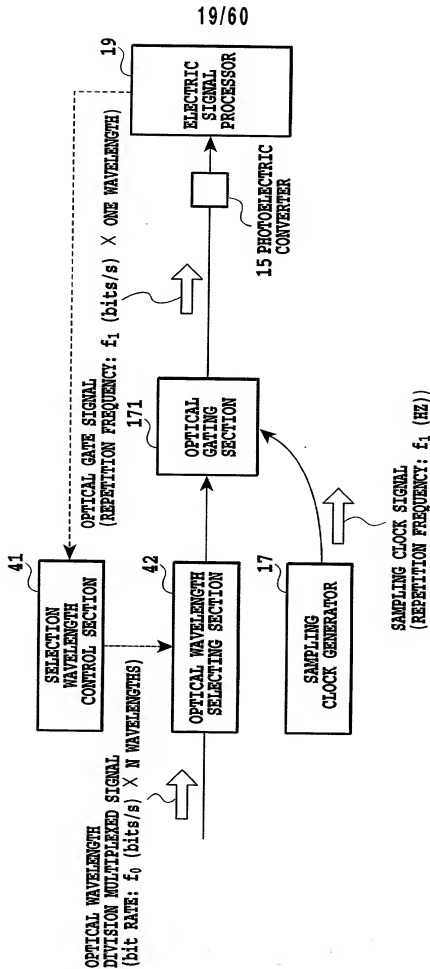


FIG. 19

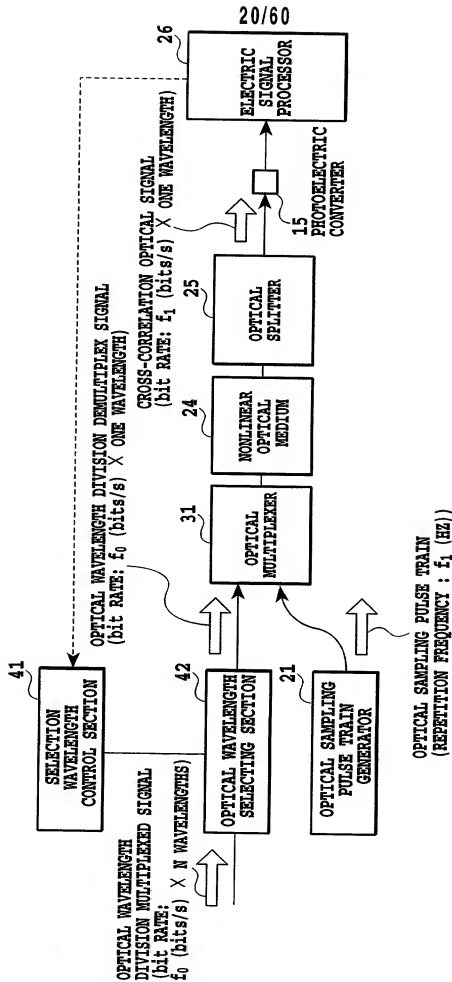


FIG.20

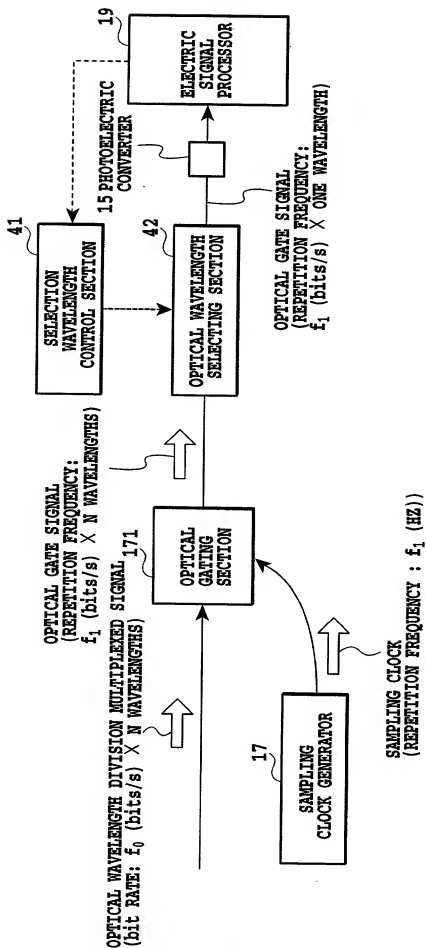


FIG.21

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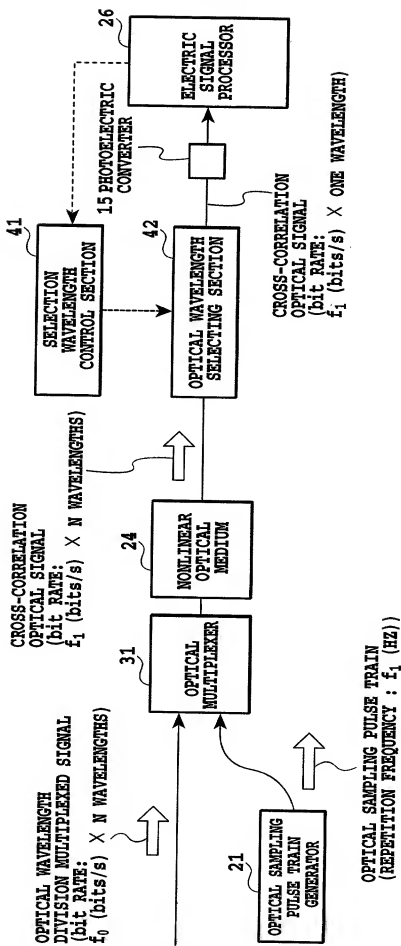


FIG.22

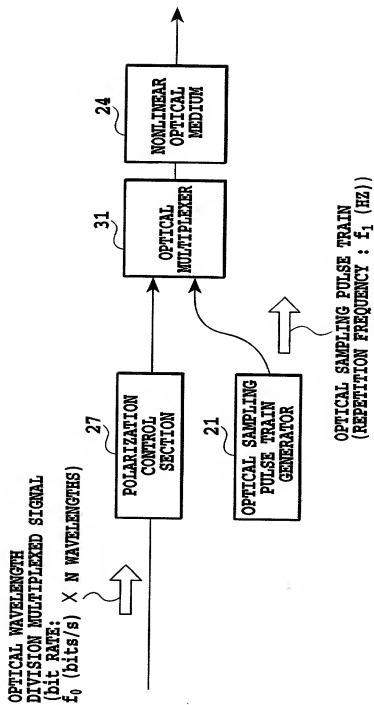


FIG.23

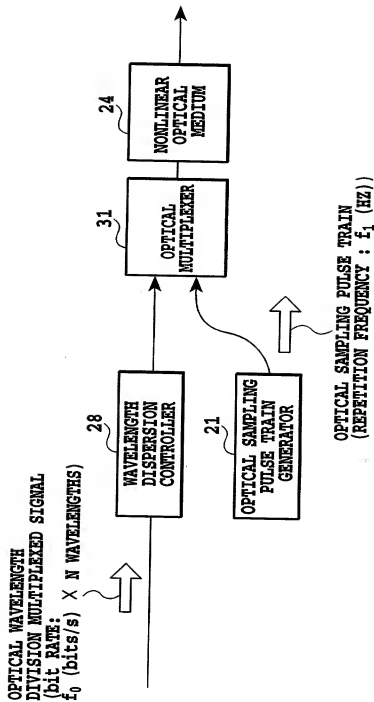


FIG.24

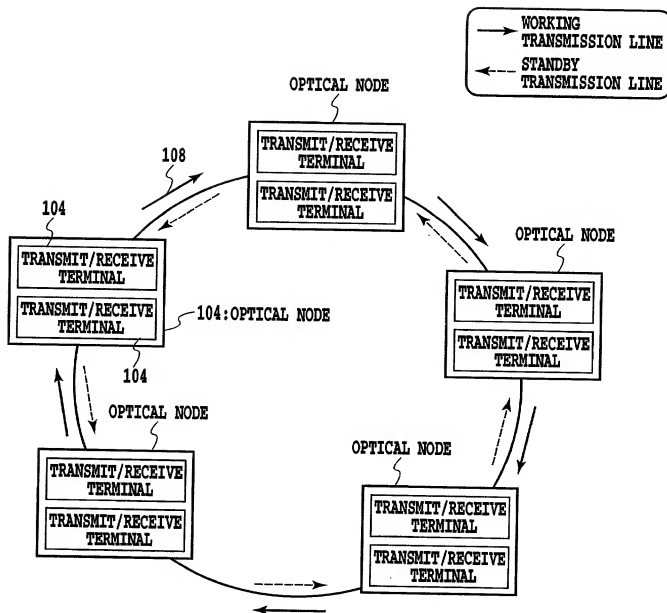


FIG.25A

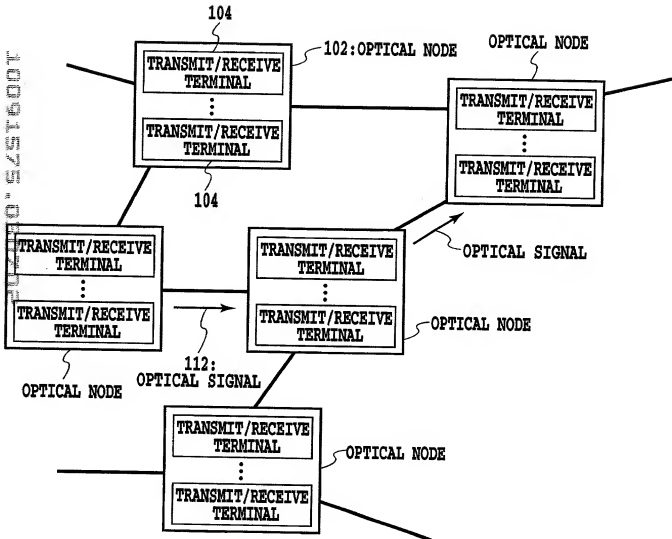


FIG.25B

FIG.26

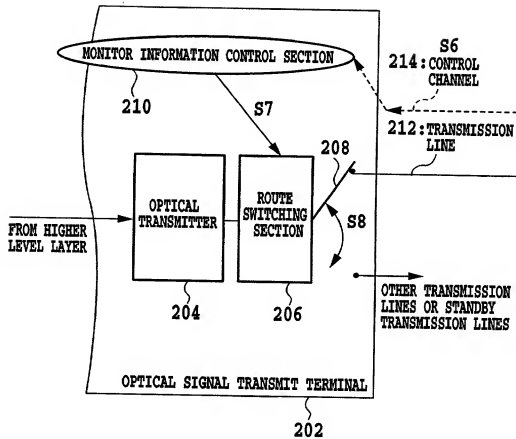
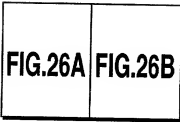


FIG.26A

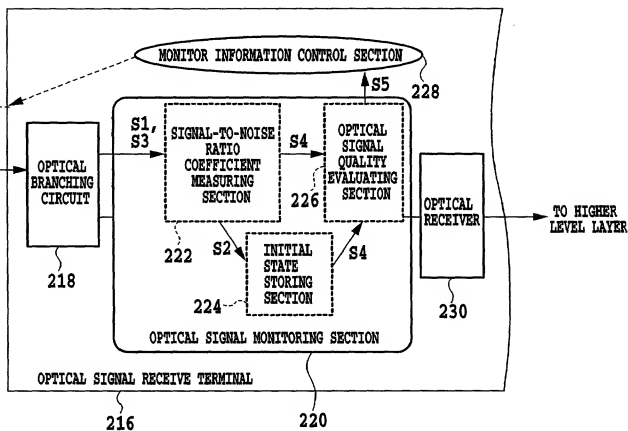


FIG.26B

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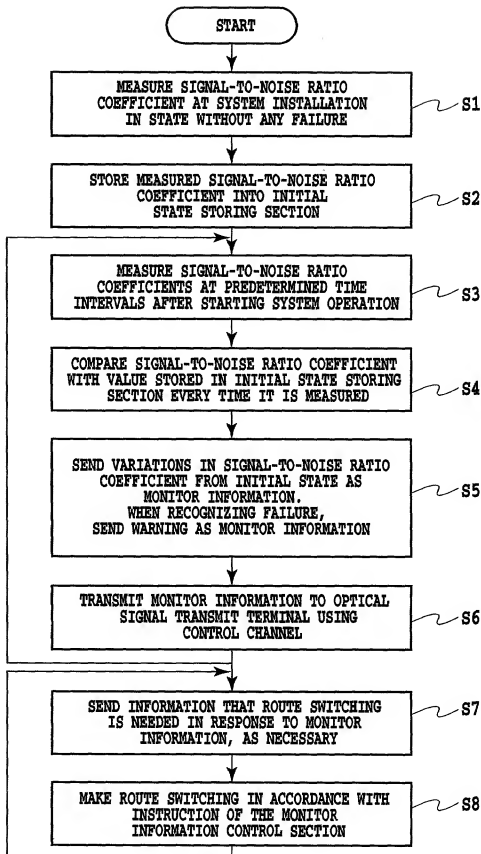


FIG.27

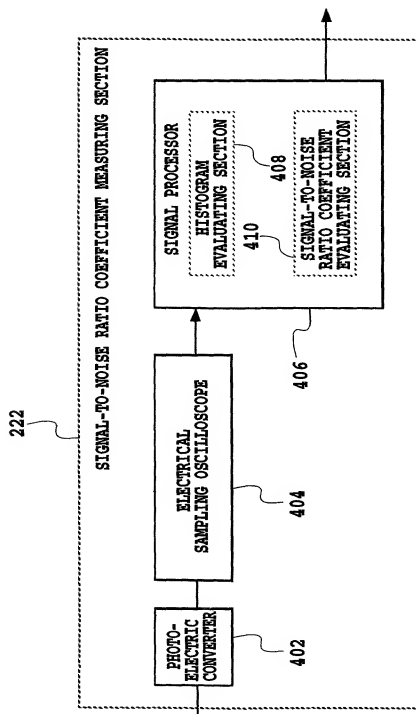


FIG.28

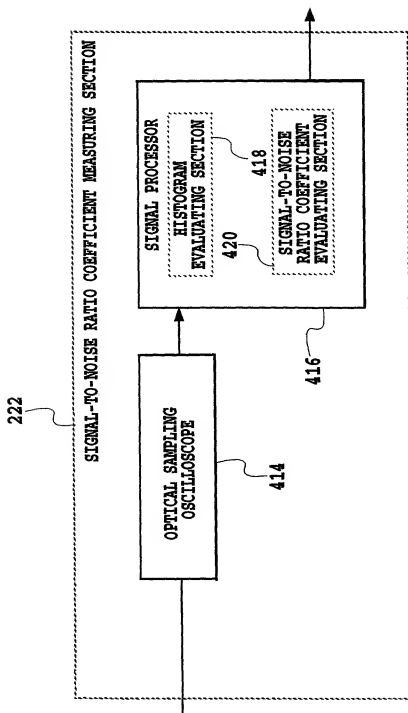


FIG.29

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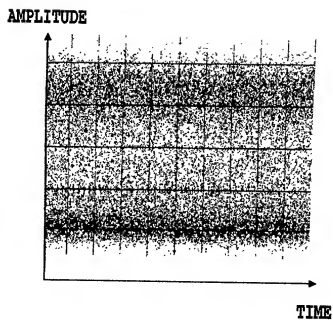


FIG.30A

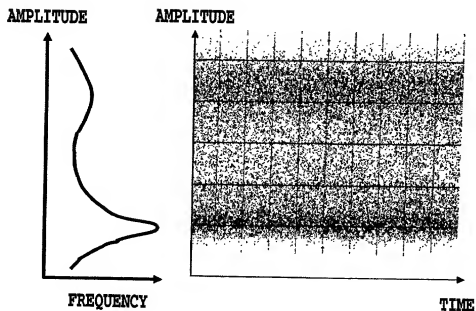


FIG.30B

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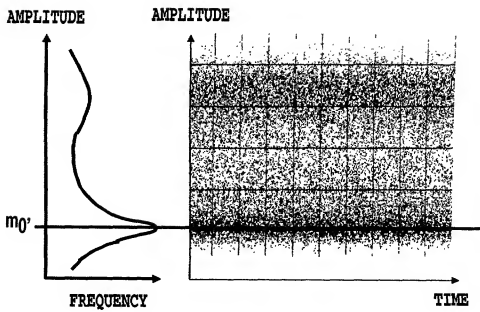


FIG.31A

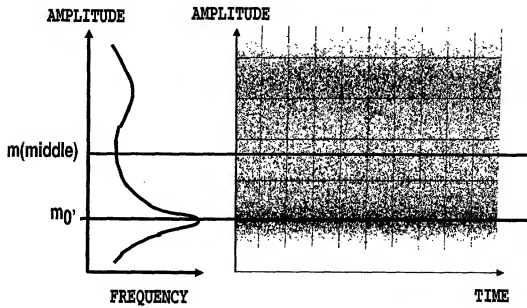


FIG.31B

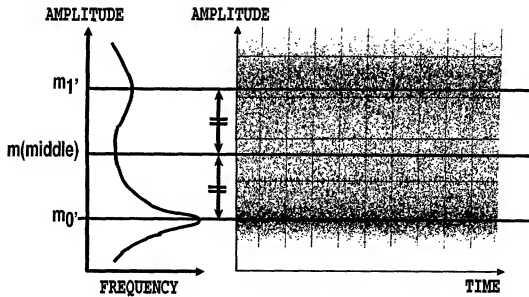


FIG.32A

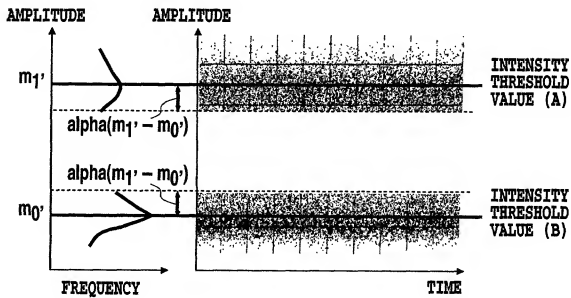


FIG.32B

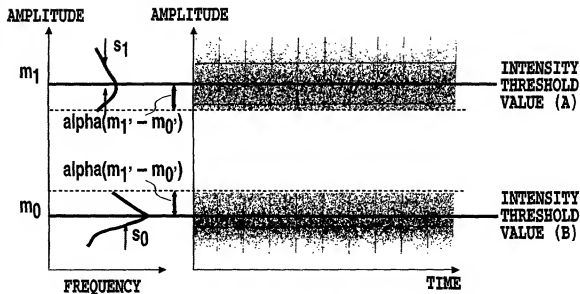
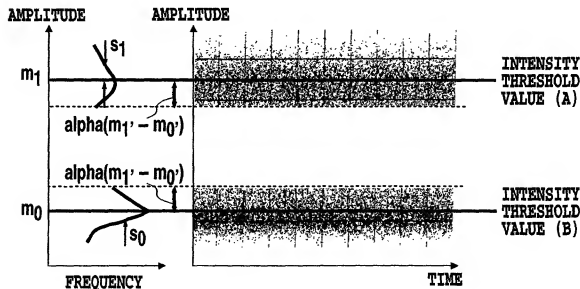


FIG.33A



$$Q = |m_1 - m_0| / (s_1 + s_0)$$

FIG.33B

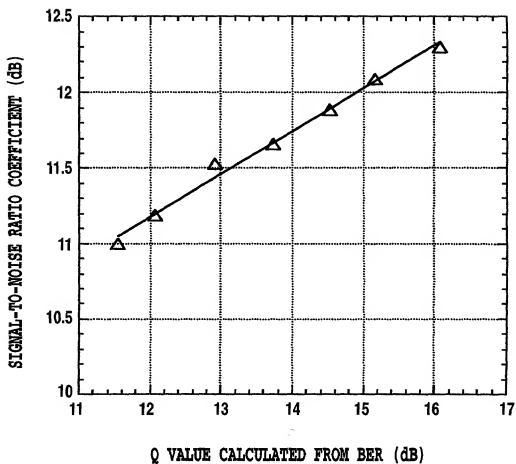


FIG.34

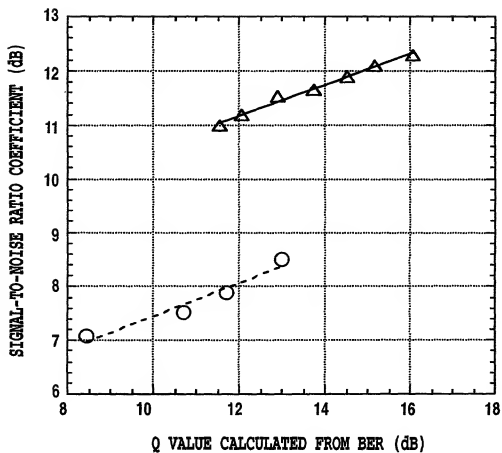


FIG.35

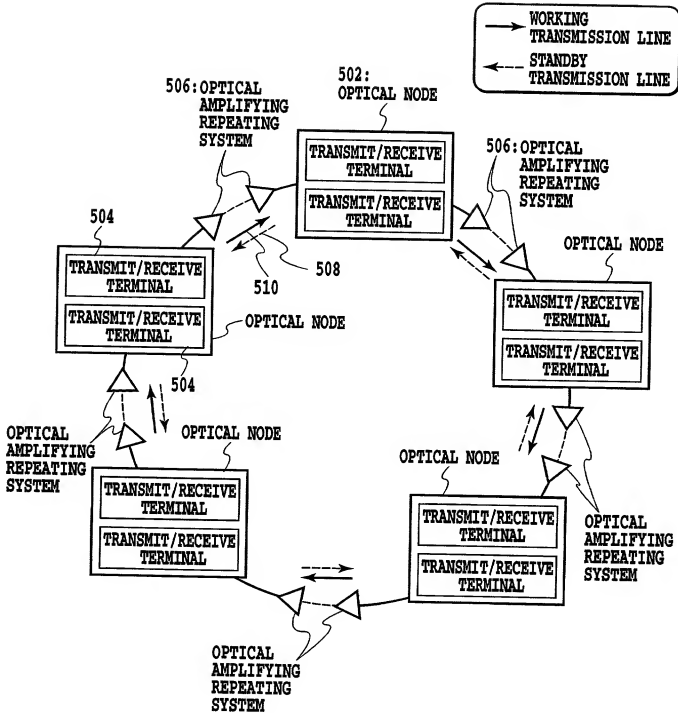


FIG. 36A

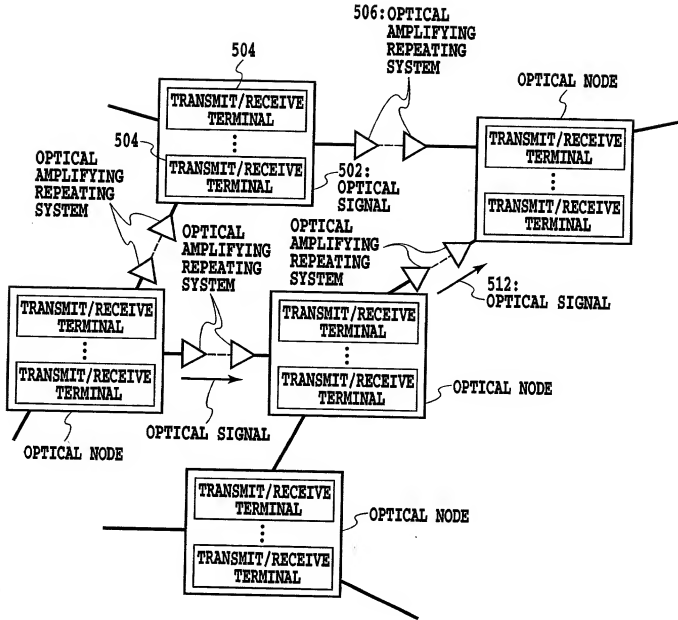


FIG.36B

FIG.37

FIG.37A FIG.37B

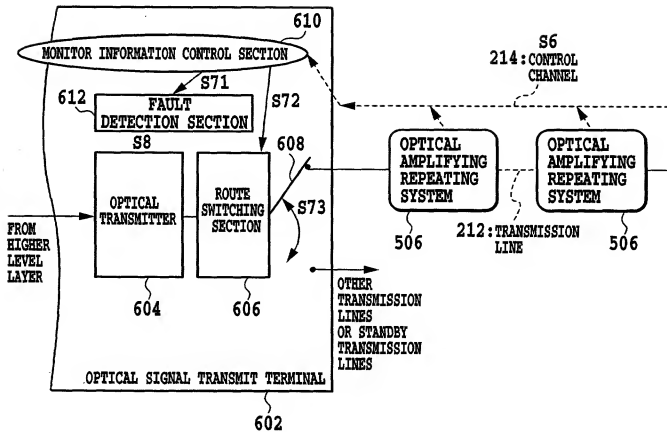


FIG.37A

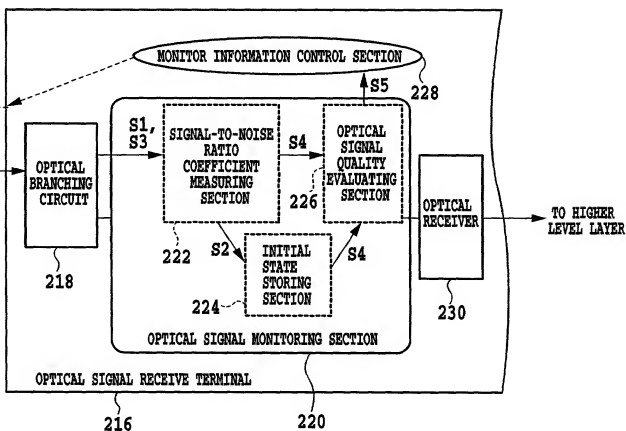


FIG.37B

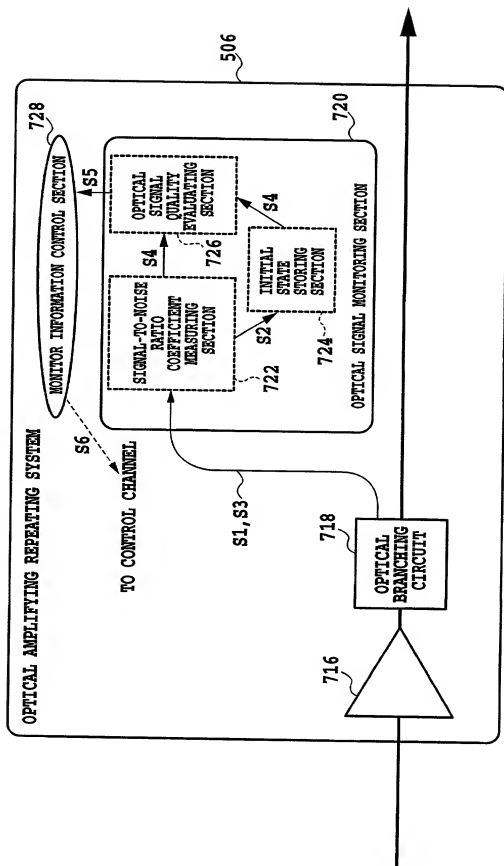


FIG.38

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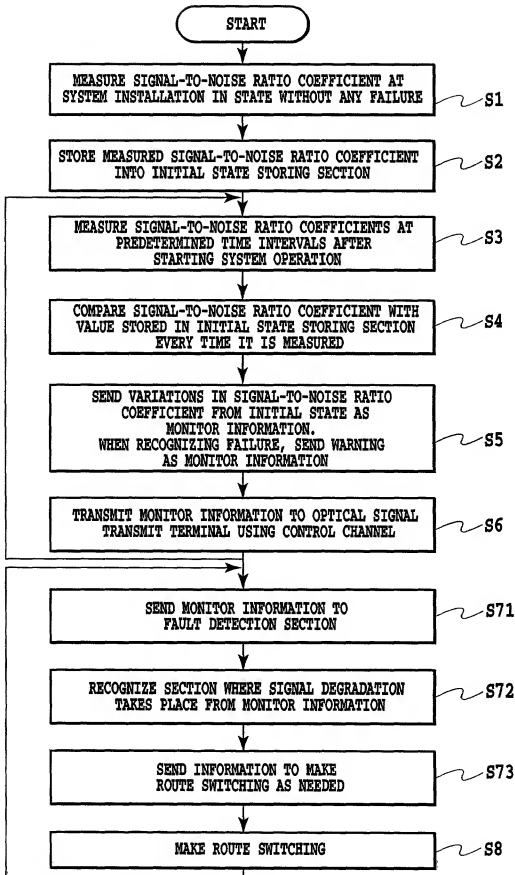


FIG.39

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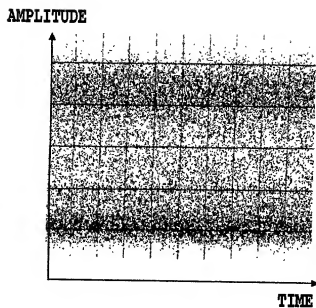


FIG.40A

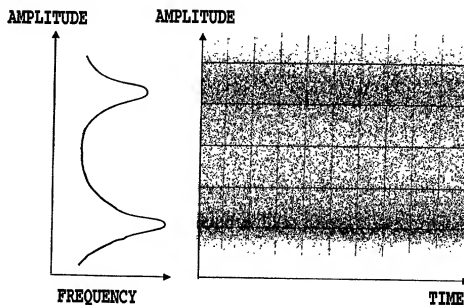


FIG.40B

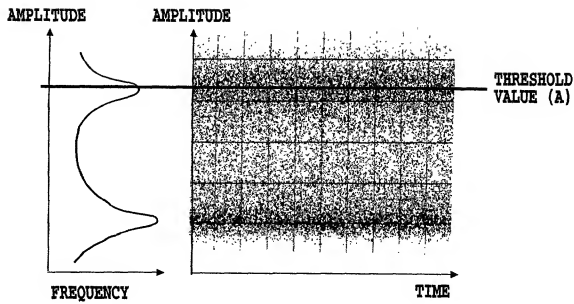


FIG.41A

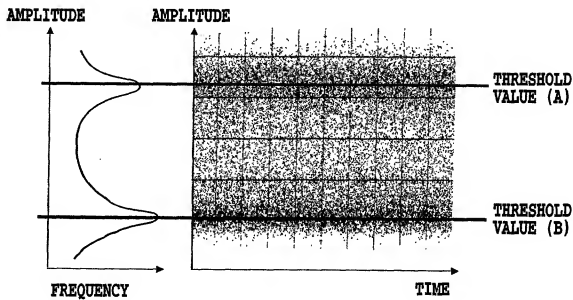


FIG.41B

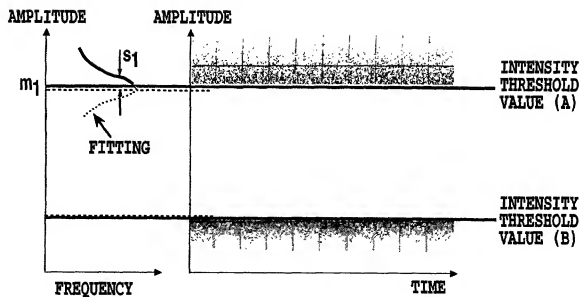


FIG.42A

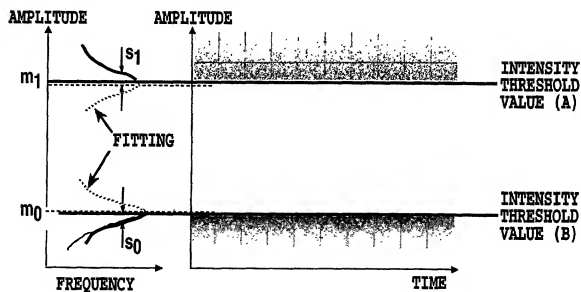
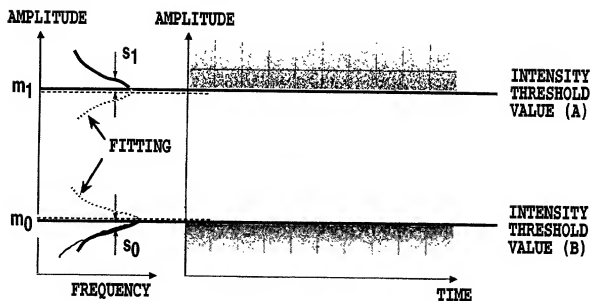


FIG.42B



$$Q = | m_1 - m_0 | / (s_1 + s_0)$$

FIG.43

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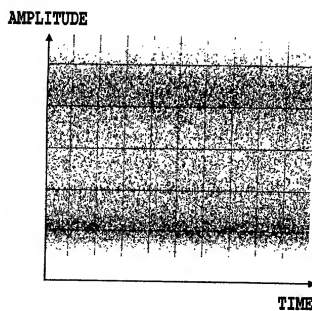


FIG.44A

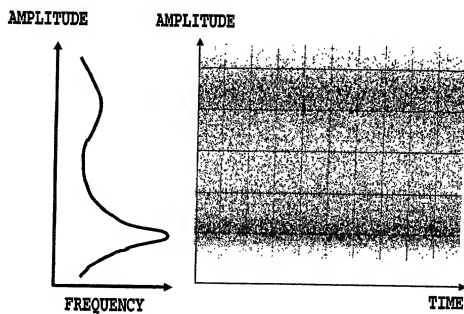


FIG.44B

10091575.030702

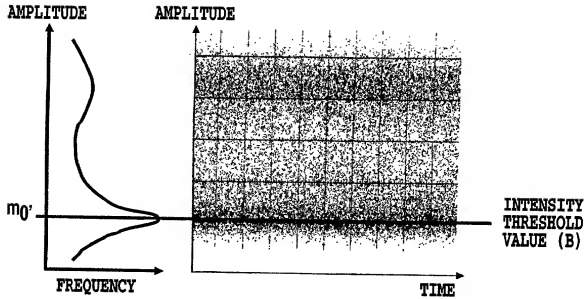


FIG.45A

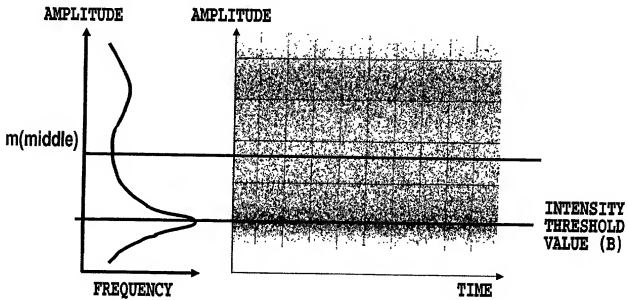


FIG.45B

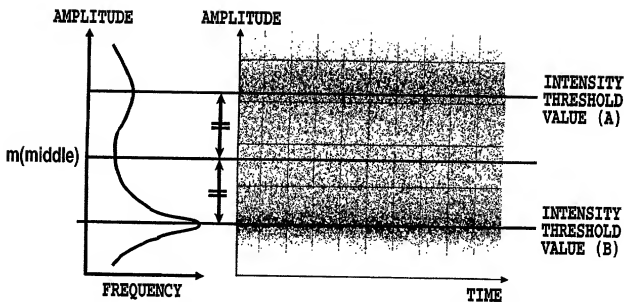


FIG. 46A

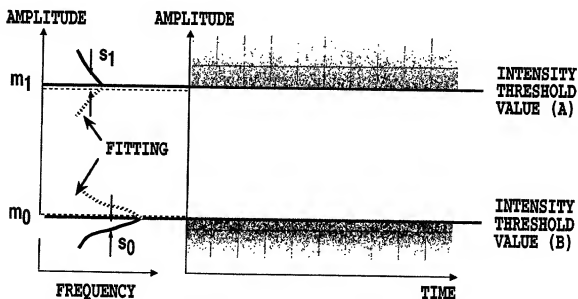
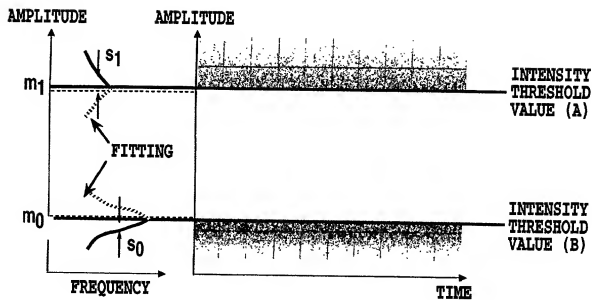


FIG. 46B



$$Q = |m_1 - m_0| / (s_1 + s_0)$$

FIG.47

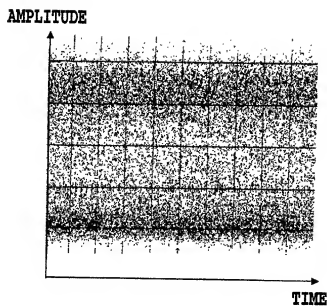


FIG.48A

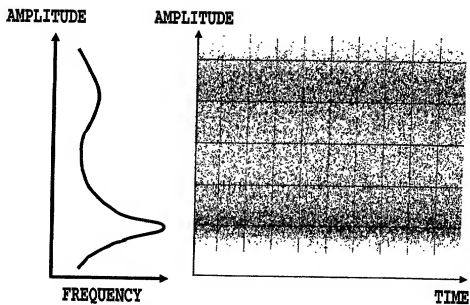


FIG.48B

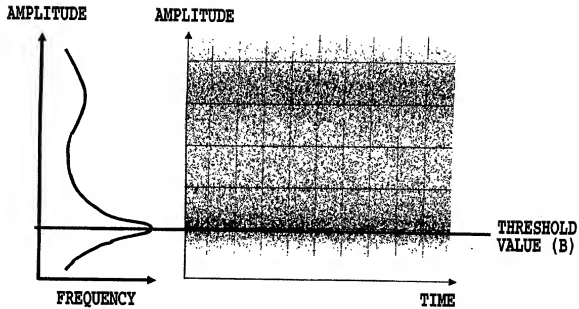


FIG. 49A

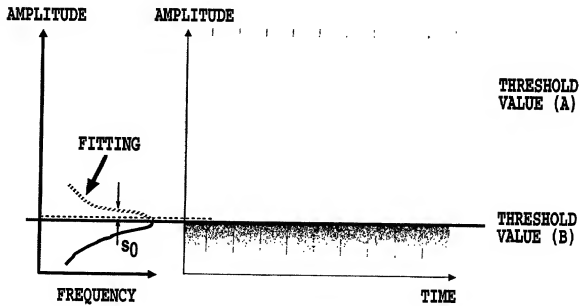


FIG. 49B

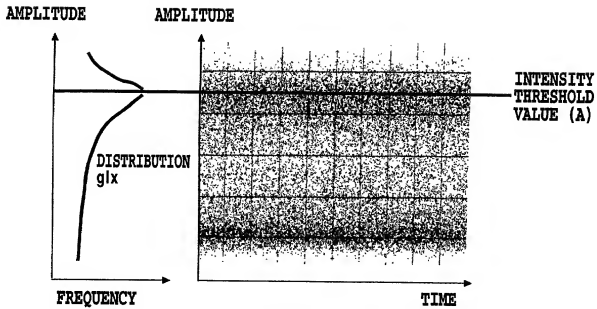


FIG.50A

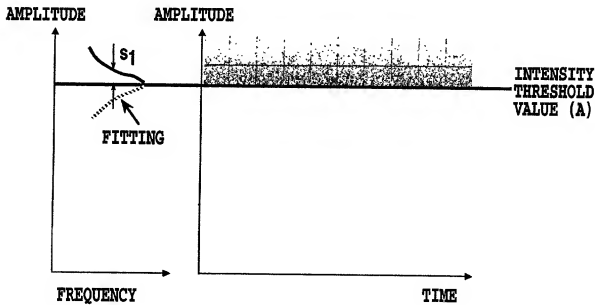
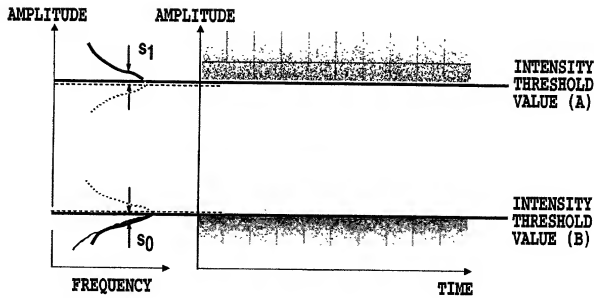


FIG.50B



$$Q = |m_1 - m_0| / (s_1 + s_0)$$

FIG.51

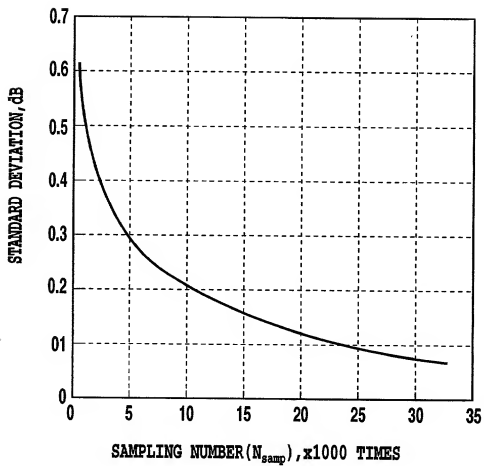


FIG.52

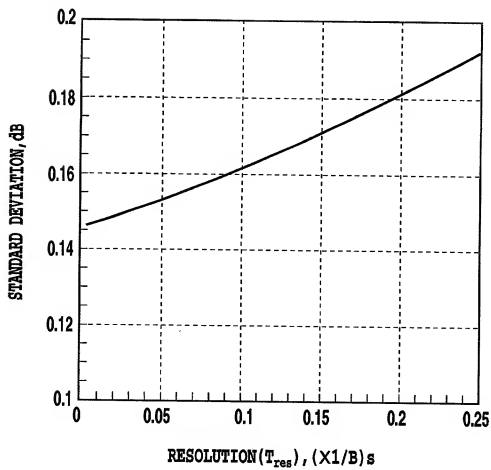


FIG.53A

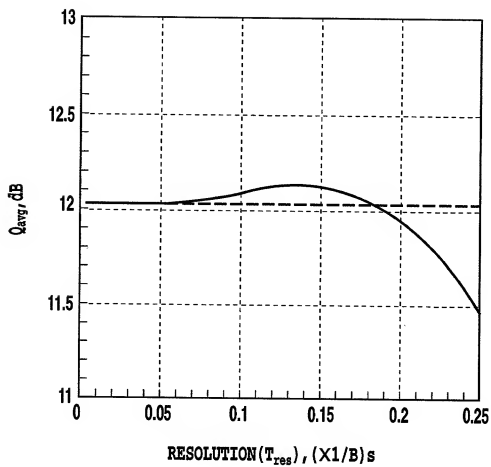


FIG.53B

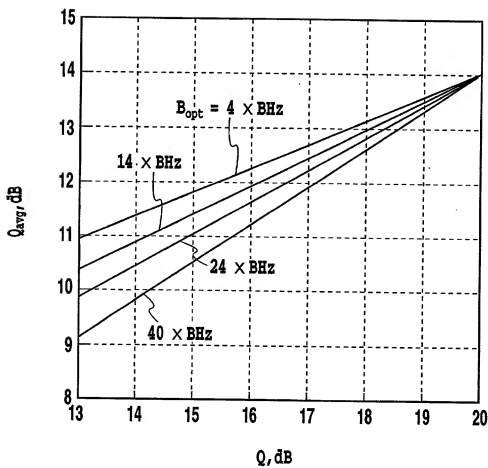
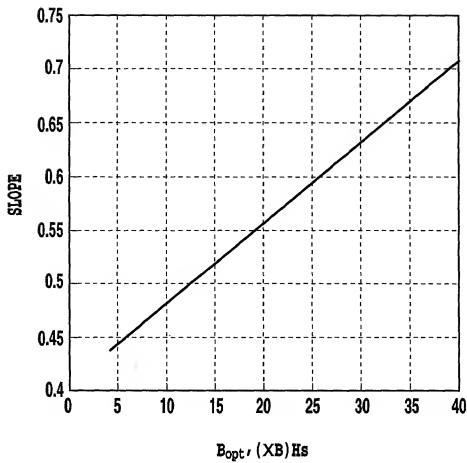


FIG.54A

**FIG.54B**